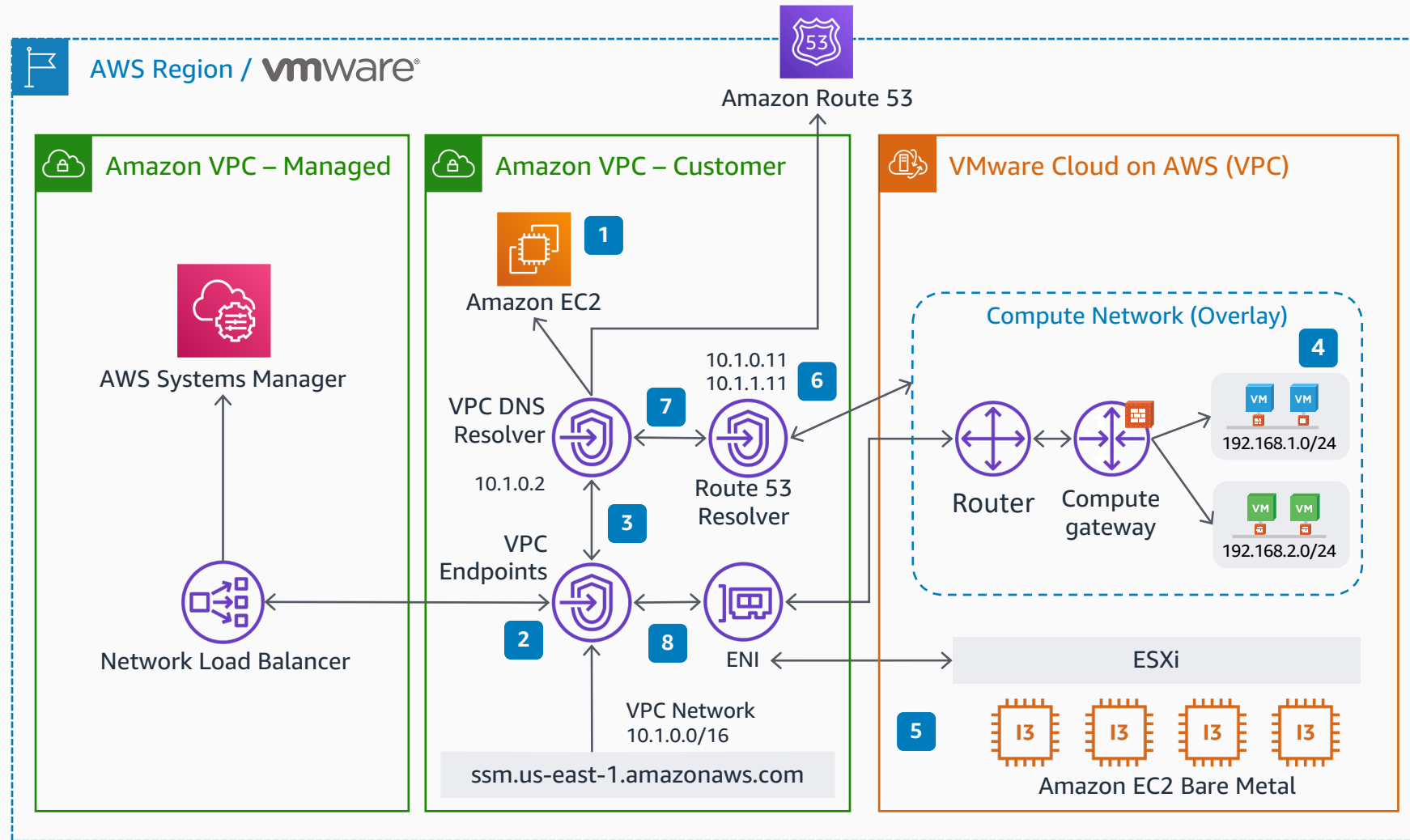


Simplify Hybrid Cloud Management using AWS Systems Manager

Use AWS Systems Manager to manage both Amazon EC2 instances and VMware Cloud on AWS



AWS Systems Manager Access from Amazon EC2

- 1 Install the **AWS Systems Manager** agent on the **Amazon Elastic Compute Cloud (Amazon EC2)** customer instance
- 2 Create **AWS Systems Manager** VPC endpoints.
- 3 The **Amazon EC2** instance connects to **Systems Manager** through a VPC endpoint. The endpoint domain name hosted in **Amazon Route 53** is resolved using a VPC DNS resolver.

AWS Systems Manager Access from VMware Cloud on AWS

- 4 Install the **AWS Systems Manager** agent on the VMs (virtual machines) on VMware Cloud on AWS.
- 5 The Elastic Network Interface (ENI) connects directly to the physical ESXi hosts in VMware Cloud on AWS. This connection is automated when the VMware Cloud SDDC (Software Defined Data Centre) is provisioned the first time.
- 6 Create an **Amazon Route 53** inbound endpoint and configure DNS resolvers on VMware Cloud on AWS to forward the applicable DNS queries to the IP addresses for your resolver inbound endpoint.
- 7 The resolver inbound endpoints forward DNS queries to the VPC DNS resolver to resolve the **Systems Manager** VPC endpoint domain name hosted in **Route 53**.
- 8 VMs in VMware Cloud on AWS connect to **Systems Manager** through a VPC endpoint. Traffic passes through the VPC ENI connected with VMware Cloud on AWS.



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AWS Reference Architecture